## PATENT ABSTRACTS OF JAPAN

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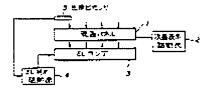
YAMADA FUMIAKI

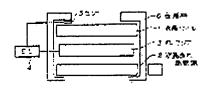
## (54) LIQUID CRYSTAL DISPLAY DEVICE

## (57) Abstract:

PURPOSE: To obtain a beautiful white background color by controlling a driving signal for an electroluminescence lamp driving source with the output of a display color detection sensor provided on the display surface side of a liquid crystal panel.

CONSTITUTION: The color detection sensor 5 detects the background color of the liquid crystal panel 1 in a place (preferably at the periphery of the panel) where the display background color is easily detected). The output of the sensor 5 is fed back to the EL lamp driving source 4 so that the background color is beautiful white, thereby increasing or decreasing an AC frequency. In many cases, the frequency is increased to increase the light emission energy of blue. Consequently, the background





color become white close to D65 and an easy- to-see liquid crystal display device is obtained.

## **LEGAL STATUS**

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